



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CARLSON  
Serial No.: 10/813,612  
Filed: MARCH 29, 2004  
Confirmation No.: 4342  
Due Date: November 21, 2004  
Title: ARTIFICIAL RECEPTORS INCLUDING REVERSIBLY IMMOBILIZED BUILDING BLOCKS AND METHODS

Examiner: UNKNOWN  
Group Art Unit: 1614  
Docket: 14095.5USU1  
Customer No.: 23552

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 25, 2004.

By: Sheryl A. Boerboom  
Name: Sheryl A. Boerboom

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Notice to File Missing Parts of NonProvisional Application - Part 2
- ☒ Small entity status has been previously established
- ☒ Request for Extension of Time for 3 months and fee of \$490.00
- ☒ Submission of Formal Drawings, 41 Sheets of Formal Drawings
- ☒ Checks in the amount of \$1,138.00 for statutory filing fee and missing parts surcharge and \$490.00 for 3-month extension of time fee
- ☒ Return postcard

CLAIMS AS FILED

<u>Number of Claims Filed</u>		<u>In Excess of:</u>		<u>Number Extra</u>		<u>Rate</u>		<u>Fee</u>
<u>Basic Filing Fee</u>								\$395.00
<u>Total Claims</u>								
66	-	20	=	46	x	9.00	=	\$414.00
<u>Independent Claims</u>								
9	-	3	=	6	x	44.00	=	\$264.00
MISSING PARTS SURCHARGE								\$65.00
TOTAL FILING FEE								\$1138.00

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: Mark T. Skoog  
Name: Mark T. Skoog  
Reg. No.: 40,178  
MSkoog:sab

S/N 10/813,612

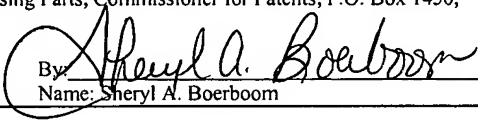
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CARLSON Examiner: UNKNOWN  
Serial No.: 10/813,612 Group Art Unit: 1614  
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Confirmation No.: 4342 Customer No.: 23552  
Title: ARTIFICIAL RECEPTORS INCLUDING REVERSIBLY  
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By:   
Name: Sheryl A. Boerboom

SUBMISSION OF FORMAL DRAWINGS

Mail Stop Missing Parts  
Commissioner for Patents  
Attn: Official Draftsman  
P.O. Box 1450  
Alexandria, VA 22313-1450

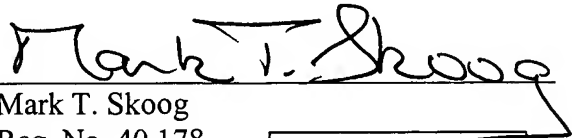
Dear Sir:

Submitted herewith are 41 sheets of Formal Drawings for completion of this application, and in compliance with the Notice to File Missing Parts from the United States Patent and Trademark Office dated June 21, 2004.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: Oct 25, 2004

  
Mark T. Skoog  
Reg. No. 40,178

**23552**

PATENT TRADEMARK OFFICE



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

JFW

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/813,612	03/29/2004	Robert E. Carlson	14095.5USU1

CONFIRMATION NO. 4342

## FORMALITIES LETTER



\*OC000000012996866\*

23552  
 MERCHANT & GOULD PC  
 P.O. BOX 2903  
 MINNEAPOLIS, MN 55402-0903

Date Mailed: 06/21/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 12-25, 28-40.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$672 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

10/29/2004 RHEBRIGHT 00000013 10813612  
 01 FC:2001 395.00 DP  
 02 FC:2051 65.00 DP  
 03 FC:2201 264.00 DP  
 04 FC:2202 414.00 DP

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$1122** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$672**
  - **\$258** for **6** independent claims over 3.
  - **\$414** for **46** total claims over 20.

Replies should be mailed to:    Mail Stop Missing Parts  
   Commissioner for Patents  
   P.O. Box 1450  
   Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE